

REMARKS

Claims 4 and 5 (which were renumbered by the Examiner as 120 and 121) have been cancelled. New claims 122 and 123 have been added. The new claims define the variances in the methylenetetrahydrofolate reductase gene by reference to the sequence of the mRNA encoded by the gene. The claims are supported by the specification, e.g., on page 190, line 30 to page 191, line 7. This portion of the specification defines several variances in the methylenetetrahydrofolate reductase gene by means of the predicted change in the publicly known cDNA sequence of the gene (GenBank® Accession Number U09806).

The specification has been amended to include a sequence listing having a methylenetetrahydrofolate reductase cDNA sequence with the variances indicated in the specification on page 190, line 30 to page 191, line 7 (SEQ ID NO:1). As explained in the accompanying declaration of Vincent P. Stanton, Jr. (unsigned) regarding incorporation by reference, the methylenetetrahydrofolate reductase cDNA sequence of SEQ ID NO:1 is identical to the methylenetetrahydrofolate reductase cDNA sequence of GenBank® Accession No. U09806 as of the filing date of the present application with the addition of the variances disclosed in the specification at page 190, line 30 to page 191, line 7. Thus, no new matter is added by this amendment.

Rem

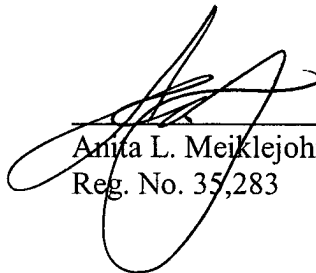
Applicant : Vincent P. Stanton, Jr.
Serial No. : 09/638,267
Filed : August 14, 2000
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Attorney's Docket No.: 11926-092001

Applicant asks that all claims be allowed. Please apply any other charges or credits to Deposit Account No. 06-1050. **The Examiner is also asked to have the return receipt post card attached herewith officially date stamped and returned to the undersigned to confirm receipt of this filing.**

Respectfully submitted,

Date: 19 JUN 2002



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